



Patent

Old Attorney's Docket No. 040070-990

New Attorney's Docket No. 0119-031

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Roozbeh ATARIUS et al.

Application No.: 09/518,063

Filed: March 2, 2000

For: Method and Apparatus for Fast Detection  
of Locations of Path Rays in a Receiver  
Having Multiple Time References

) **EXPEDITED PROCEDURE**

) Group Art Unit: 2631

) Examiner: BURD, Kevin Michael

) Confirmation No.: 4673

**RECEIVE**

OCT 15 2004

Technology Center 2

**AFTER FINAL AMENDMENT**

**Mail Stop AF**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the final Office Action mailed on July 15, 2004, entry of the following amendments is respectfully requested.

**Amendments to the Claims:**

Please replace all prior versions, and listings of claims in the application with the following listing of claims.

**Listing of claims**

Claim 1 (currently amended): A method for detecting locations of path rays in a multi-path channel receiver having multiple time references, the method comprising the steps of:

searching for locations of received path rays;

determining the locations of the received path rays; and

adjusting at least one of the multiple time references according to the determined location of the received path rays,

wherein the step of searching includes:

determining a probable location of a most significant path ray;

shifting the location within a predetermined interval;